

Claims:

1. A method for producing an aromatic compound isomer substituted with alkyl group(s) and/or halogen atom(s), through adsorptive separation by the use of a zeolite-containing adsorbent and a desorbent, wherein the desorbent is, after having been processed for removing impurities from it, supplied to the adsorptive separation step.

2. The method for producing an aromatic compound isomer as claimed in claim 1, wherein the aromatic compound has a benzene ring or heterocyclic ring structure.

3. The method for producing an aromatic compound isomer as claimed in claim 1 or 2, wherein the aromatic compound is ring-substituted with at least one halogen element.

4. The method for producing an aromatic compound isomer as claimed in any of claims 1 to 3, wherein the impurities in the desorbent are removed through any of distillation, purging or adsorption to a solid adsorbent.

5. The method for producing an aromatic compound isomer as claimed in any of claims 1 to 3, wherein the impurities in the desorbent are removed by replacing a part of the used desorbent with an impurity-free fresh desorbent.

6. The method for producing an aromatic compound

isomer as claimed in any of claims 1 to 5, wherein all or part of the desorbent to be supplied to the adsorptive separation step is first continuously or intermittently supplied to a step of removing impurities from it, and then supplied to the adsorptive separation step.

add a3/

2025-01-20 14:30:00